PRESCOTT
ENVIRONMENTAL

January 23, 2006

Mr. Jan Chenowith
Young Realty Company, L.P.
7399 Shadeland Avenue, PMB #166
Indianapolis, Indiana 46250

PEAI Project No. 98-007

RE: Supplemental Groundwater Monitoring
Parkway Chevrolet, 205 Smoky Mountain Parkway
Asheville, Buncombe County, North Carolina
Groundwater Incident #18332

Dear Mr. Chenowith:

Prescott Environmental Associates, Inc. (PEAI) has completed this Supplemental Groundwater Monitoring Report for the Parkway Chevrolet Property (the Site) in accordance with the Work Plan submitted to the North Carolina Department of Environment and Natural Resources, Groundwater Section, Asheville Regional Office. The field activities were completed on January 5, 2006. These environmental services were authorized by Mr. Jan Chenowith, Young Realty Company, LP, representing the former owner/operator of the dealership at the Site. The purpose of this project was to determine the extent of volatile organic compounds (VOCs) and semivolatile organic compounds (SVOCs) in groundwater for Monitoring Well 1-A (replaces MW-1).

Figure 1 (Attachment A) shows the physical location of the Site, and Figure 2 is a Site Plan which shows the groundwater monitoring well locations. Table 1 (Attachment B) presents the laboratory analytical results.

The areas where groundwater monitoring wells are located include the following:

- Eastern Side of Main Service Area - one shallow well to 30 feet (MW-1);
- South Side of Auto Detailing Shop Building - one shallow well to 40 feet (MW-2A); and,
- West Side of Parts Dept. Building - one shallow well to 25 feet (MW-3).

POST OFFICE BOX 2555, CHAPEL HILL, NORTH CAROLINA 27515 ☎ (919) 942-8006 ❐ (919) 942-2964 ✉info@prescottenv.com

Groundwater Sampling

Monitoring well MW-1 was properly abandoned (see Attachment C). New Monitoring Well MW-1A was installed on January 5, 2006 (see Attachment C). The well was allowed to settle overnight. The next day, the well was properly purged and developed prior to sampling. The sample was collected using a new disposable polyethylene bailer and new nylon line. The groundwater sample was transferred from the bailer to clean, labeled sample bottles which were immediately placed in a cooler with ice. The samples were transported via overnight service (Federal Express) to Environmental Science Corp., in Mt. Juliet, Tennessee under proper chain-of-custody documentation.

Volatile organic compound analysis detected the presence of tetrachloroethene at 0.60 micrograms per liter (µg/l) (15A NCAC 2L.0202 Groundwater Standard is 0.7 µg/l). No other volatile organic compounds were detected. Semivolatile organic compound analysis did not detect the presence of listed constituents above the method quantitation limit. Tentatively identified compounds (TICs) were not detected in the sample collected during this round of monitoring. See Attachment D for analytical results.

Groundwater Gradient

The groundwater horizontal hydraulic gradient at the Site was determined by surveying the location and elevation of the groundwater monitoring wells to a common benchmark. The survey is accurate to the nearest 0.1 foot horizontally and nearest 0.01 foot vertically. PEAI personnel measured the distance from the static groundwater level to the top of the well casings to an accuracy of 0.01-foot. Using this water level information, PEAI previously compiled a hydraulic gradient map which can be found in a Comprehensive Site Assessment report issued August 5, 1998 (Figure 6). PEAI also calculated the horizontal groundwater gradient across the site to be 0.08 ft/ft for the 8/5/98 event. Based on data collected during previous measuring events, it was concluded that the groundwater gradient trends mainly in a southern direction, toward Smoky Park Highway.

Local Receptors

A receptor survey was previously completed by PEAI to determine if water supply wells are located in the immediate vicinity of the Site. The closest receptor water supply is the water supply well at the Monticello Mobile Home Park, located approximately 750 feet northeast of the subject property. This well is reported to serve approximately 50 mobile homes. Again, the local groundwater flow direction is toward the south, away from this property. The subject Site is also topographically down gradient from the mobile home park. Most properties in the vicinity of the Site are served by the Asheville municipal water supply.

Conclusion and Recommendations

The primary objective of this project was to complete the annual groundwater monitoring started in October for evidence of contamination from volatile and semi-volatile organic compounds. The Work Plan for this project was approved prior to the initiation of site activities by the Groundwater Section of the North Carolina Department of Environment and Natural Resources (NC DENR).

This project included the collection of a sample from the new monitoring well MW-1A which replaces MW-1 which had been damaged and was properly closed. Tetrachloroethene was detected in MW-1A at 0.60 µg/l; the state groundwater standard for tetrachloroethene is 0.7 µg/l. No other volatile or semi-volatile organic compounds were detected.

The source of the tetrachloroethene is not known at this time. It has been detected during other recent sampling events. Additional sampling and analysis events should be completed to verify the existence of this compound and to provide continuing groundwater monitoring at the Site.

PEAI appreciates the opportunity to be of service to Young Realty Company, LP/Parkway Chevrolet. A copy of this document will be submitted to the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section, Asheville Regional Office. Should you have any questions or comments regarding the contents of this report, please feel free to contact PEAI at your earliest opportunity.

Respectfully,

PRESCOTT ENVIRONMENTAL ASSOCIATES, INC.

Douglas P. Guild, CEP
Senior Environmental Scientist/Principal

Thomas R. Will, LG # 1164
Consulting Licensed Geologist

Attachments

ATTACHMENTS

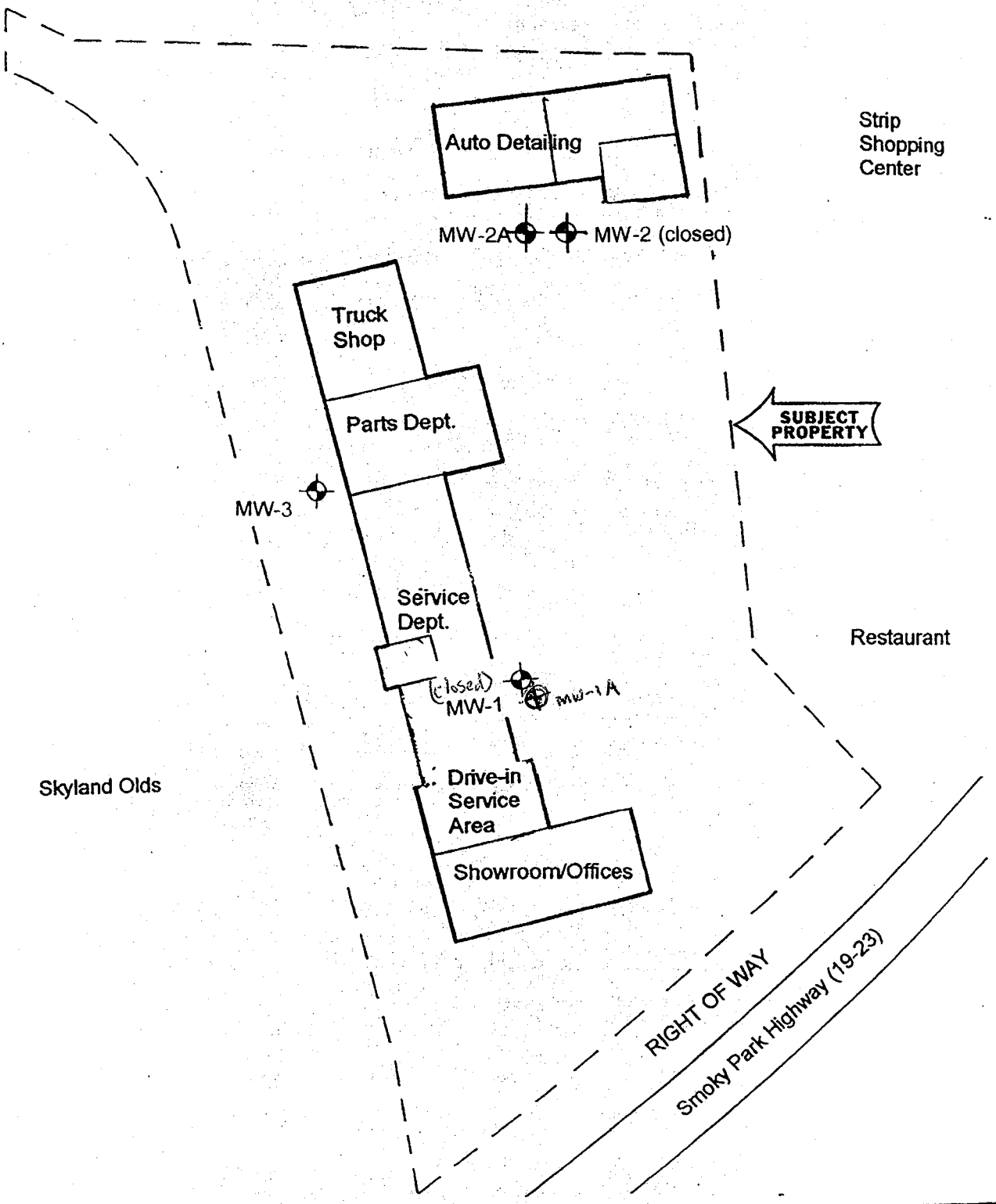
ATTACHMENT A

FIGURES

PRESCOTT ENVIRONMENTAL ASSOCIATES, INC.
POST OFFICE BOX 2555
CHAPEL HILL, NORTH CAROLINA 27515-2555
(919) 942-8006 PHONE (919) 967-4953 FACSIMILE

	Project. **Groundwater Monitoring Event** Parkway Chevrolet 205 Smoky Park Highway Asheville, NC	Job No. 98-007 Drawn By: CRG Checked By: DPG	Figure No: 1 Site Map Date: 3/23/98 Scale 1"=2000'

Carolina Truck & Body



PRESCOTT ENVIRONMENTAL ASSOCIATES, INC.
POST OFFICE BOX 2555
CHAPEL HILL, NORTH CAROLINA 27515-2555
(919) 942-8006 PHONE (919) 967-4953 FACSIMILE

Project: Groundwater Monitoring Event Quarterly Groundwater Monitoring	Job No: 98-007	Figure No: 2 Site Base Map/Layout
	Drawn By: CRG	Date: 3/8/98
	Checked By: DPG	Scale: 1" = 128'

ATTACHMENT B

TABLES

TABLE 1

Semi-Annual
Groundwater Monitoring
Laboratory Analytical Results

Former Parkway Chevrolet Facility
205 Smoky Park Highway
Asheville, Buncombe County, NC

Sample I.D.	Date/Time	Monitoring Well	Lab Results
W-1	1/6/06 - 10:25	MW-1A	502.2 - Tetrachloroethene - 0.60 ug/L 625+10 - BQL[1]

[1]BQL - Below Quantitation Limit

ATTACHMENT C

WELL ABANDONMENT RECORD
WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section - 1636 Mail Service Center - Raleigh, NC 27699-1639 - Phone No. (919) 733-3221

WELL ABANDONMENT RECORD

WELL CONTRACTOR Chris Bost

WELL CONTRACTOR CERTIFICATION # 2736

1. WELL USE (Check Applicable Box): Residential ☐ Municipal ☐ Industrial ☐ Agricultural ☐ Monitoring XX Recovery ☐ Heat Pump Water Injection ☐ Other ☐ If Other, List Use: _____

2. WELL LOCATION: (Show a sketch of the location on back of form.)
Nearest Town: Asheville County Buncombe
205 Smokey Park Hwy. 35 57.059N 82. 63.073 W
(Road Name and Number, Community, Subdivision , Lot No.) Quadrangle No.

3. OWNER: Jan Chenowith

4. ADDRESS: 7399 Shadeland Ave.Indianapolis, IN 46250

5. TOPOGRAPHY: draw, slope, hilltop, valley, XX (circle one)

6. TOTAL DEPTH: 30 ft DIAMETER 2 inch

7. CASING REMOVED:

feet	diameter
NA	NA

8. DISINFECTION: NA
(Amount of 70% hypochlorite used:)

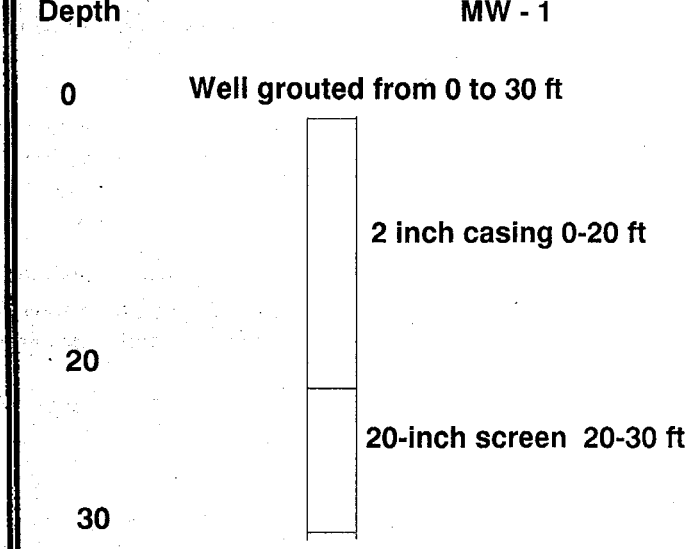
9. SEALING MATERIAL:

Neat Cement	Sand Cement
bags of cement 1.5	bags of cement
gallons of water 10	gallons of water

Other
Type material
Amount

10. EXPLAIN METHOD EMPLACEMENT OF MATERIAL.
Grout pumped througfh tremie pipe

WELL DIAGRAM: Draw a detailed sketch of the well showing total depth, depth and diameter of screens remaining in the well, gravel interval, intervals of casing perforations, and depths and types of fill materials used.



11. DATE WELL ABANDONED Jan. 5, 2006

I do hereby certify that this well was abandoned in accordance with 15A NCAC 2C, well construction standards, and that a copy of the record has been provided to the well owner.

Signature of person abandoning the well Chris Bost Date 1/20/06

WELL LOCATION: Draw a location sketch on the reverse of this sheet, showing the direction and distance of the well to at least two (2) nearby reference points such as roads, intersections and streams. Identify roads with State Highway road identification numbers.

Submit original to the Division of Water Quality, Groundwater Section, one copy to the owner within 30 days from completion of abandonment.

GW-30 Revised 12/99

MW-1

NON RESIDENTIAL WELL CONSTRUCTION RECORD

North Carolina Department of Environment and Natural Resources- Division of Water Quality

WELL CONTRACTOR CERTIFICATION # 2736

1. WELL CONTRACTOR:
Chris Bost
Well Contractor (Individual) Name
Probe Technology, Inc.
Well Contractor Company Name
STREET ADDRESS P O Box 1369
Concord, NC 28027
City or Town State Zip Code
(704) 933-5538
Area code- Phone number

2. WELL INFORMATION:
SITE WELL ID #(if applicable)
STATE WELL PERMIT#(if applicable)
DWQ or OTHER PERMIT #(if applicable)
WELL USE (Check Applicable Box) Monitoring XX Municipal/Public ☐
Industrial/Commercial ☐ Agricultural ☐ Recovery ☐ Injection ☐
Irrigation ☐ Other ☐ (list use)
DATE DRILLED 1/05/06
TIME COMPLETED 11:00 AM X PM ☐

3. WELL LOCATION:
CITY: Asheville COUNTY Buncombe
205 Smokey park Hwy
(Street Name, Numbers, Community, Subdivision, Lot No., Parcel, Zip Code)
TOPOGRAPHIC / LAND SETTING:
☐ Slope ☐ Valley X ☐ Flat ☐ Ridge ☐ Other
(check appropriate box)
LATITUDE 3 35 57.059 N
LONGITUDE 82 63.073 W
May be in degrees, minutes, seconds or in a decimal format
Latitude/longitude source: XX GPS ☐ Topographic map
(location of well must be shown on a USGS topo map and attached to this form if not using GPS)

4. FACILITY- is the name of the business where the well is located.
FACILITY ID #(if applicable)
NAME OF FACILITY Asheville Chevrolet
STREET ADDRESS 205 Smokey Park Hwy.
Asheville, NC
City or Town State Zip Code
CONTACT PERSON Jan Chenowith
MAILING ADDRESS 7399 Shadeland Ave.
Indianapolis, IN 46205
City or Town State Zip Code
(317) 577-2413
Area code - Phone number

5. WELL DETAILS:
a. TOTAL DEPTH: 35
b. DOES WELL REPLACE EXISTING WELL? YES X NO ☐
c. WATER LEVEL Below Top of Casing: 25 FT.
(Use "+" if Above Top of Casing)

d. TOP OF CASING IS 0 FT. Above Land Surface*
*Top of casing terminated at/or below land surface may require a variance in accordance with 15A NCAC 2C .0118.
e. YIELD (gpm): METHOD OF TEST
f. DISINFECTION: Type Amount
g. WATER ZONES (depth).
From To From To
From To From To
From To From To

6. CASING:

	Depth		Diameter	Thickness/ Weight	Material
From 0	To 20	Ft.	2 inch	Schd 40	PVC
From	To	Ft.			
From	To	Ft.			

7. GROUT:

	Depth		Material	Method
From 0	To 16	Ft.	portland	pour
From 16	To 18	Ft.	bentonite	pour
From	To	Ft.		

8. SCREEN:

	Depth		Diameter	Slot Size	Material
From 20	To 35	Ft.	2 in.	0.010 in.	PVC
From	To	Ft.	in.	in.	
From	To	Ft.	in.	in.	

9. SAND/GRAVEL PACK:

	Depth		Size	Material
From 18	To 35	Ft.	#2	silica
From	To	Ft.		
From	To	Ft.		

10. DRILLING LOG

From	To	Formation Description

11. REMARKS:
MW-05-3

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER.

SIGNATURE OF CERTIFIED WELL CONTRACTOR 1/20/06 DATE

Chris Bost
PRINTED NAME OF PERSON CONSTRUCTING THE WELL

Submit the original to the Division of Water Quality within 30 days. Attn: Information Mgt., 1617 Mail Service Center – Raleigh, NC 27699-1617 Phone No. (919) 733-7015 ext 568.

Form GW-1b
Rev. 7/05

ATTACHMENT D

LABORATORY ANALYTICAL REPORT

ENVIRONMENTAL
SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Doug Guild
Prescott Environmental Associates,
PO Box 2555
Chapel Hill, NC 27515

January 19, 2006

ESC Sample # : L228845-01

Site ID :

Project # : 98-007

Date Received : January 07, 2006
Description : Parkway Chev.

Sample ID : W-1 (MW-1A) 23 FT

Collected By : Doug Guild
Collection Date : 01/06/06 10:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Benzene	BDL	0.00050	mg/l	502.2	01/13/06	1
Carbon tetrachloride	BDL	0.00050	mg/l	502.2	01/13/06	1
1,4-Dichlorobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
1,2-Dichloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1-Dichloroethene	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1,1-Trichloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Trichloroethene	BDL	0.00050	mg/l	502.2	01/13/06	1
Vinyl chloride	BDL	0.00050	mg/l	502.2	01/13/06	1
1,2,4-Trichlorobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
cis-1,2-Dichloroethene	BDL	0.00050	mg/l	502.2	01/13/06	1
Xylenes, Total	BDL	0.0015	mg/l	502.2	01/13/06	1
Methylene chloride	BDL	0.00050	mg/l	502.2	01/13/06	1
1,2-Dichlorobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
trans-1,2-Dichloroethene	BDL	0.00050	mg/l	502.2	01/13/06	1
1,2-Dichloropropane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1,2-Trichloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Tetrachloroethene	0.00060	0.00050	mg/l	502.2	01/13/06	1
Chlorobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
Toluene	BDL	0.00050	mg/l	502.2	01/13/06	1
Ethylbenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
Styrene	BDL	0.00050	mg/l	502.2	01/13/06	1
Bromobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
Bromodichloromethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Bromoform	BDL	0.00050	mg/l	502.2	01/13/06	1
Bromomethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Chlorodibromomethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Chloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
Chloroform	BDL	0.00050	mg/l	502.2	01/13/06	1
Chloromethane	BDL	0.00050	mg/l	502.2	01/13/06	1
2-Chlorotoluene	BDL	0.00050	mg/l	502.2	01/13/06	1
4-Chlorotoluene	BDL	0.00050	mg/l	502.2	01/13/06	1
Dibromomethane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,3-Dichlorobenzene	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1-Dichloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,3-Dichloropropane	BDL	0.00050	mg/l	502.2	01/13/06	1
2,2-Dichloropropane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1-Dichloropropene	BDL	0.00050	mg/l	502.2	01/13/06	1
1,3-Dichloropropene	BDL	0.00050	mg/l	502.2	01/13/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

L228845-01 (V502) - subcontracted to Analytical Lab

ENVIRONMENTAL SCIENCE CORP.

12065 Lebanon Rd.
Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Doug Guild
Prescott Environmental Associates,
PO Box 2555
Chapel Hill, NC 27515

January 19, 2006

Date Received : January 07, 2006
Description : Parkway Chev.

Sample ID : W-1 (MW-1A) 23 FT

Collected By : Doug Guild
Collection Date : 01/06/06 10:25

ESC Sample # : L228845-01

Site ID :

Project # : 98-007

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
1,1,1,2-Tetrachloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,1,2,2-Tetrachloroethane	BDL	0.00050	mg/l	502.2	01/13/06	1
1,2,3-Trichloropropane	BDL	0.00050	mg/l	502.2	01/13/06	1

Jimmy Hunt

Jimmy Hunt, ESC Representative

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

Reported: 01/19/06 13:11 Printed: 01/19/06 13:11
L228845-01 (V502) - subcontracted to Analytical Lab

Summary of Remarks For Samples Printed
01/19/06 at 13:11:15

TSR Signing Reports: 350
R5 - Desired TAT

Sample: L228845-01 Account: PREENVCNC Received: 01/07/06 09:00 Due Date: 01/20/06 00:00 RPT Date: 01/19/06 13:11
Refer to L228843. Subbed to Analytical Lab jlc 01/09/06 PO#S7633

Company Name/Address:
Prescott Environmental Assoc.
308 W. Rosemary St., Ste. 306
Chapel Hill, NC 27516

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Doug Guild
Email to: doug@prescottenv.com

Project Description: Parkway Chev.
City/State Collected: Asheville, NC

Phone: 919-942-0006
FAX: 919-942-2964
Client Project #: 98-007
ESC Key:

Collected by: Douglas L. Guild
Site/Facility ID#:
P.O.#: 98-007

Collected by (signature):
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No __Yes
FAX? __No __Yes

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	5021	8260	Remarks/Contaminant	Sample # (lab only)
W-1 (MW-1A)	Grab	GW	23'	1/6/06	10:25	4	✓	✓		L229843-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Refer to L229843

pH _____ Temp _____

Remarks:

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☑ SWA	Condition: (lab use only)
	1-6-06	2:10PM			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1°C	Bottles Received: 4
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 1/7/06	Time: 9:00AM

pH Checked: NCF:

ENVIRONMENTAL SCIENCE CORP.

SAMPLE NON-CONFORMANCE FORM

Sample No. : L228845

Date: 1/7/06

Evaluated by: Lacy

Client: PREENVCNC

Non-Conformance (check applicable items)

_____	Chain of Custody is missing	X	Login Clarification Needed
_____	Improper container type	_____	Improper preservation
_____	Chain of custody is incomplete	_____	Container lid not in tact
_____	Parameter(s) past holding time	_____	Improper temperature
_____	Broken container(s) **see below**	_____	Broken container: sufficient sample volume remains for analysis requested
_____	Insufficient packing material around container		
_____	Insufficient packing material inside cooler		
_____	Improper handling by carrier (FedEx / UPS / Courier)		
_____	Sample was frozen		

Comments: NO TB rec'd.

Login Instructions:

TSR Initials: JS

Client informed by call / email / fax / (voice mail) date: 1-9-06 time: 1015

Client contact: Doug Guild

Client and state notified

ENVIRONMENTAL SCIENCE CORP.

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Mt. Juliet, TN 37122
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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Doug Guild
Prescott Environmental Associates,
PO Box 2555
Chapel Hill, NC 27515

January 11, 2006

ESC Sample # : L228843-01

Date Received : January 07, 2006
Description : Parkway Chev

Site ID :

Sample ID : W-1 (MW-1A) 23 FT

Project # : 98-007

Collected By : Doug Guild
Collection Date : 01/06/06 10:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
625 Base/Neutrals w/ TIC						
Acenaphthene	BDL	0.010	mg/l	625	01/09/06	1
Acenaphthylene	BDL	0.010	mg/l	625	01/09/06	1
Anthracene	BDL	0.010	mg/l	625	01/09/06	1
Benzidine	BDL	0.050	mg/l	625	01/09/06	1
Benzo(a)anthracene	BDL	0.010	mg/l	625	01/09/06	1
Benzo(b)fluoranthene	BDL	0.010	mg/l	625	01/09/06	1
Benzo(k)fluoranthene	BDL	0.010	mg/l	625	01/09/06	1
Benzo(g,h,i)perylene	BDL	0.010	mg/l	625	01/09/06	1
Benzo(a)pyrene	BDL	0.010	mg/l	625	01/09/06	1
Bis(2-chlorethoxy)methane	BDL	0.010	mg/l	625	01/09/06	1
Bis(2-chloroethyl)ether	BDL	0.010	mg/l	625	01/09/06	1
Bis(2-chloroisopropyl)ether	BDL	0.010	mg/l	625	01/09/06	1
4-Bromophenyl-phenylether	BDL	0.010	mg/l	625	01/09/06	1
2-Chloronaphthalene	BDL	0.010	mg/l	625	01/09/06	1
4-Chlorophenyl-phenylether	BDL	0.010	mg/l	625	01/09/06	1
Chrysene	BDL	0.010	mg/l	625	01/09/06	1
Dibenz(a,h)anthracene	BDL	0.010	mg/l	625	01/09/06	1
3,3-Dichlorobenzidine	BDL	0.010	mg/l	625	01/09/06	1
2,4-Dinitrotoluene	BDL	0.010	mg/l	625	01/09/06	1
2,6-Dinitrotoluene	BDL	0.010	mg/l	625	01/09/06	1
Fluoranthene	BDL	0.010	mg/l	625	01/09/06	1
Fluorene	BDL	0.010	mg/l	625	01/09/06	1
Hexachlorobenzene	BDL	0.010	mg/l	625	01/09/06	1
Hexachloro-1,3-butadiene	BDL	0.010	mg/l	625	01/09/06	1
Hexachlorocyclopentadiene	BDL	0.010	mg/l	625	01/09/06	1
Hexachloroethane	BDL	0.010	mg/l	625	01/09/06	1
Indeno(1,2,3-cd)pyrene	BDL	0.010	mg/l	625	01/09/06	1
Isophorone	BDL	0.010	mg/l	625	01/09/06	1
Naphthalene	BDL	0.010	mg/l	625	01/09/06	1
Nitrobenzene	BDL	0.010	mg/l	625	01/09/06	1
n-Nitrosodimethylamine	BDL	0.010	mg/l	625	01/09/06	1
n-Nitrosodiphenylamine	BDL	0.010	mg/l	625	01/09/06	1
n-Nitrosodi-n-propylamine	BDL	0.010	mg/l	625	01/09/06	1
Phenanthrene	BDL	0.010	mg/l	625	01/09/06	1
Benzylbutyl phthalate	BDL	0.010	mg/l	625	01/09/06	1
Bis(2-ethylhexyl)phthalate	BDL	0.010	mg/l	625	01/09/06	1
Di-n-butyl phthalate	BDL	0.010	mg/l	625	01/09/06	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

ENVIRONMENTAL SCIENCE CORP.

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Mr. Doug Guild
Prescott Environmental Associates,
PO Box 2555
Chapel Hill, NC 27515

January 11, 2006

ESC Sample # : L228843-01

Site ID :

Project # : 98-007

Date Received : January 07, 2006
Description : Parkway Chev

Sample ID : W-1 (MW-1A) 23 FT

Collected By : Doug Guild
Collection Date : 01/06/06 10:25

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Diethyl phthalate	BDL	0.010	mg/l	625	01/09/06	1
Dimethyl phthalate	BDL	0.010	mg/l	625	01/09/06	1
Di-n-octyl phthalate	BDL	0.010	mg/l	625	01/09/06	1
Pyrene	BDL	0.010	mg/l	625	01/09/06	1
1,2,4-Trichlorobenzene	BDL	0.010	mg/l	625	01/09/06	1
Acid Extractables						
4-Chloro-3-methylphenol	BDL	0.010	mg/l	625	01/09/06	1
2-Chlorophenol	BDL	0.010	mg/l	625	01/09/06	1
2,4-Dichlorophenol	BDL	0.010	mg/l	625	01/09/06	1
2,4-Dimethylphenol	BDL	0.010	mg/l	625	01/09/06	1
4,6-Dinitro-2-methylphenol	BDL	0.010	mg/l	625	01/09/06	1
2,4-Dinitrophenol	BDL	0.010	mg/l	625	01/09/06	1
2-Nitrophenol	BDL	0.010	mg/l	625	01/09/06	1
4-Nitrophenol	BDL	0.010	mg/l	625	01/09/06	1
Pentachlorophenol	BDL	0.010	mg/l	625	01/09/06	1
Phenol	BDL	0.010	mg/l	625	01/09/06	1
2,4,6-Trichlorophenol	BDL	0.010	mg/l	625	01/09/06	1
Surrogate Recovery						
Nitrobenzene-d5	75.		% Rec.	625	01/09/06	1
2-Fluorobiphenyl	100		% Rec.	625	01/09/06	1
p-Terphenyl-d14	220		% Rec.	625	01/09/06	1
Phenol-d5	62.		% Rec.	625	01/09/06	1
2-Fluorophenol	56.		% Rec.	625	01/09/06	1
2,4,6-Tribromophenol	78.		% Rec.	625	01/09/06	1

Jimmy Hunt, ESC Representative

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

Laboratory Certification Numbers:
AIHA - 100789, AL - 40660, CA - I-2327, CT- PH-0197, FL - E87487, GA - 923, IN - C-TN-01
KY - 90010, KYUST - 0016, NC - ENV375,DW21704, ND - R-140, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ -0612, MN - 047-999-395, NY - 11742, NJ - 81002, WI - 998093910

Note:
The reported analytical results relate only to the sample submitted.

Reported: 01/11/06 10:19 Printed: 01/11/06 10:19

Attachment A
List of Analytes with QC Qualifiers

Sample #	Analyte	Qualifier
L228843-01	Benzo(b)fluoranthene	V3
	Benzo(k)fluoranthene	V3
	Benzo(g,h,i)perylene	V3
	Benzo(a)pyrene	V3
	Dibenz(a,h)anthracene	V3
	Indeno(1,2,3-cd)pyrene	V3
	Di-n-butyl phthalate	J4
	Diethyl phthalate	J4
	Pyrene	J4
	p-Terphenyl-d14	J1

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits
J4	The associated batch QC was outside the established quality control range for accuracy.
V3	(ESC) - Additional QC Info: The internal standard exhibited poor recovery due to sample matrix interference. The analytical results will be biased high. BDL results will be unaffected.

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods, it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable unless qualified as 'R' (Rejected).

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

	Control Limits				Control Limits (AQ)	Control Limits (SS)
2-Fluorophenol	31-119	Nitrobenzene-d5	43-118	Dibromfluoromethane	68-128	64-125
Phenol-d5	12-134	2-Fluorobiphenyl	45-128	Toluene-d8	76-115	69-118
2,4,6-Tribromophenol	51-141	Terphenyl-d14	43-137	4-Bromofluorobenzene	79-127	61-134

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Environmental Science Corp.
Laboratory Services

SEMI–VOLATILES ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

Client Name: Prescott Environmental Associates, Inc.

SAMPLE ID.
L228843–01

Matrix: WATER
Date Collected: 01/06/2006
Date Analyzed: 01/09/2006

ESC Sample NO: L228843–01
Lab File ID: 0109_39
Dilution Factor: 1

Tentatively Identified compounds (TIC) refers to substances not present in the list of target compounds . Therefore, not all TIC's are identified and quantitated using individual standards . TIC listings are prepared utilizing a computerized library search routine of electron impact mass spectral data and evaluation of the relevant data by a mass spectral data specialist . Quantitation is accomplished by relative peak area of the TIC compared to that of the nearest internal standard . from the total ion chromatogram . TIC's are identified and quantitated only if the peak area is 10 % or more of that of the nearest internal standard .

Number Of TICs Found: 5

CONCENTRATION UNITS:
mg/l

CAS NO.	COMPOUND	RT	EST. CONC.	Q
006971–40–0	17–Pentatriacontene	8.47	0.01	J
000084–77–5	Didecyl phthalate	9.5	0.01	J
028553–12–0	1,2–Benzenedicarboxylic acid, diis	9.53	0.01	J
001120–16–7	Dodecanamide	9.57	0.03	J
022396–30–1	3,26–Dioxa–2,27–disilaoctacosane,	9.73	0.02	J

Company Name/Address:
Prescott Environmental Assoc.
306 W. Rosemary St., Ste. 306
Chapel Hill, NC 27516

Alternate billing information:

Analysis/Container/Preservative

Chain of Custody
Page 1 of 1

Prepared by:

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859

Report to: Doug Guild
Email to: doug@prescottenv.com

Project Description: Parkway Chev.
City/State Collected: Asheville, NC

Phone: 919-942-6006
FAX: 919-942-2964

Client Project #: 98-007
ESC Key:

Collected by: Douglas P. Guild
Site/Facility ID#:
P.O.#: 98-007

Collected by (signature):
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No __Yes
FAX? __No __Yes

CoCode: (lab use only)
Template/Prelogin:
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	5202	01+529	Remarks/Contaminant	Sample # (lab only)
W-1 (MW-1A)	Grab	GW	23'	1/6/06	10:25	4	✓	✓		L228843-01

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

Refer to L228845 pH Temp

Remarks:

Flow Other

Relinquished by: (Signature)	Date: 1-6-06	Time: 2:10PM	Received by: (Signature)	Samples returned via: ☐ UPS ☐ FedEx ☐ Courier ☑ SwA	Condition: (lab use only)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.1°C	Bottles Received: 4	OK
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 1/7/06	Time: 9:00AM	pH Checked: NCF: